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| (21) International Application Number: PCT/US93/10624 (22) International Filing Date: 5 November 1993 (05.11.93) (30) Priority data: 07/973,337 5 November 1992 (05.11.92) US (60) Parent Application or Grant (63) Related by Continuation US 07/973,337 (CIP) (71) Applicant (for all designated States except US): SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH [US/US]; 1275 York Avenue, New York, NY 10021 (US). | | (72) Inventors; and (75) Inventors/Applicants (for US only) : ISRAELI, Ron, S. [US/US]; 950 49th Street, Apartment 6K, Brooklyn, NY 11219 (US). HESTON, Warren, D., W. [US/US]; 400 East 85th Street, Apartment 18B, New York, NY 10028 (US). FAIR, William, R. [US/US]; 400 East 70th Street, Apartment 3501, New York, NY 10021 (US). (74) Agent: COBERT, Robert, J.; Cooper & Dunham, 30 Rockefeller Plaza, New York, NY 10112 (US). (81) Designated States: CA, JP, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> |
| (54) Title: PROSTATE-SPECIFIC MEMBRANE ANTIGEN (57) Abstract <p>This invention provides for an isolated mammalian nucleic acid molecule encoding a mammalian prostate-specific membrane antigen. This invention provides for nucleic acid probes which specifically hybridize with the nucleic acid molecule encoding said antigen. This invention provides for a method of detecting hematogenous micrometastatic tumor cells of a subject performing the polymerase chain reaction (PCR) on samples of the subje^t using primers of said antigen. This invention provides for methods to identify ligands which bind to said antigen. This invention provides for the prevention and/or treatment of prostate tumor growth.</p> | | |

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